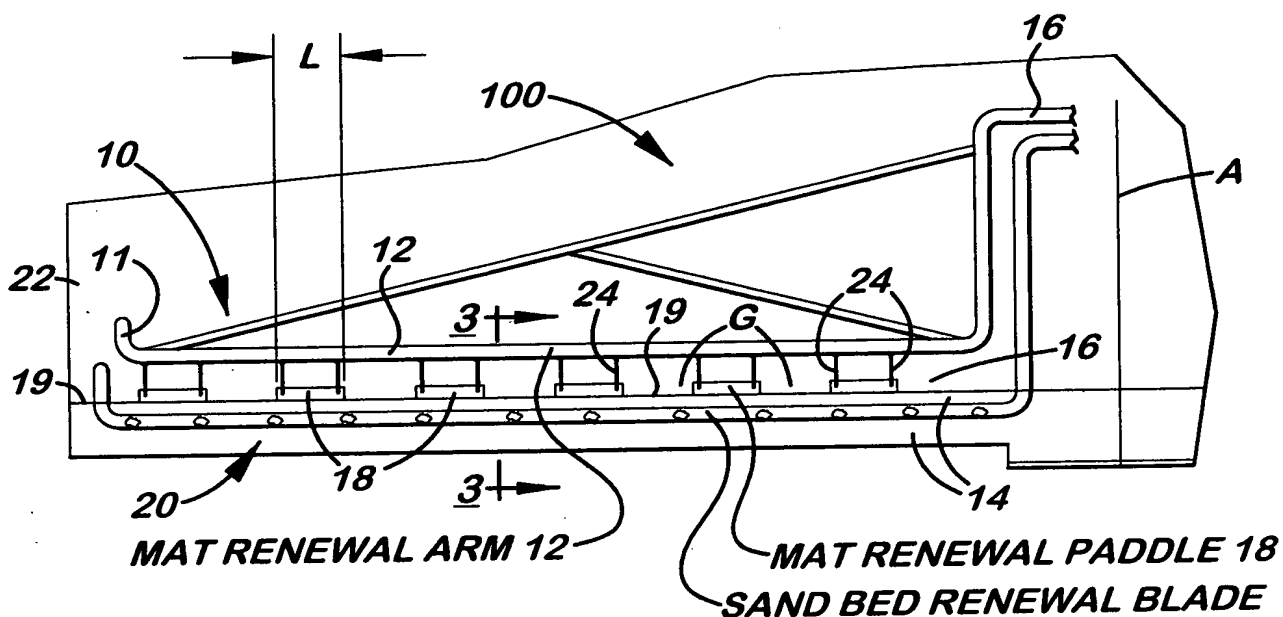
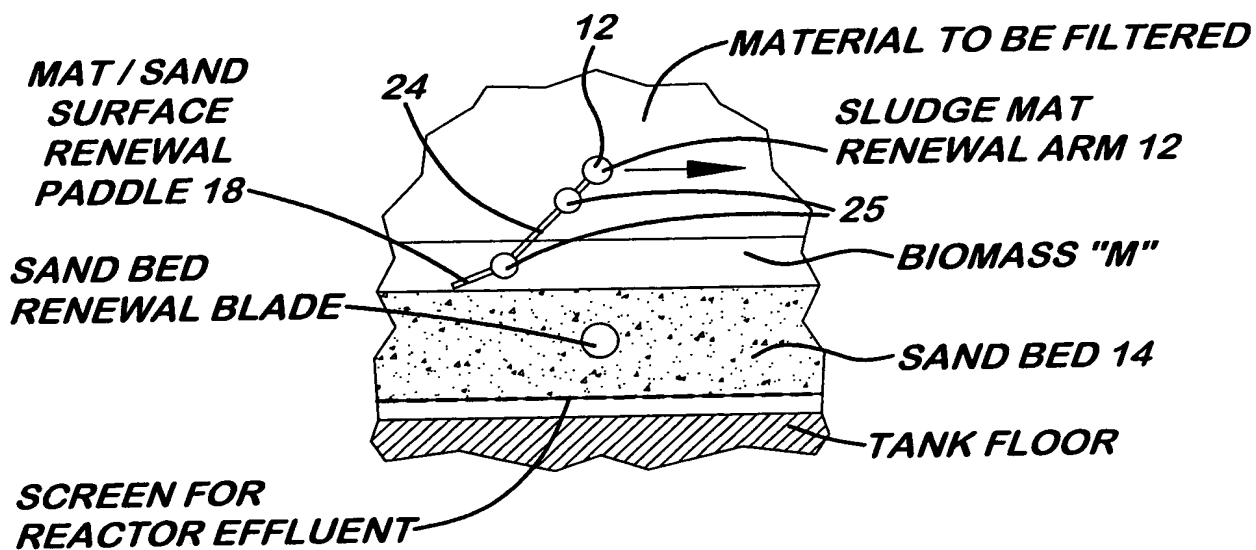


**FIG. 1**  
(PRIOR ART)

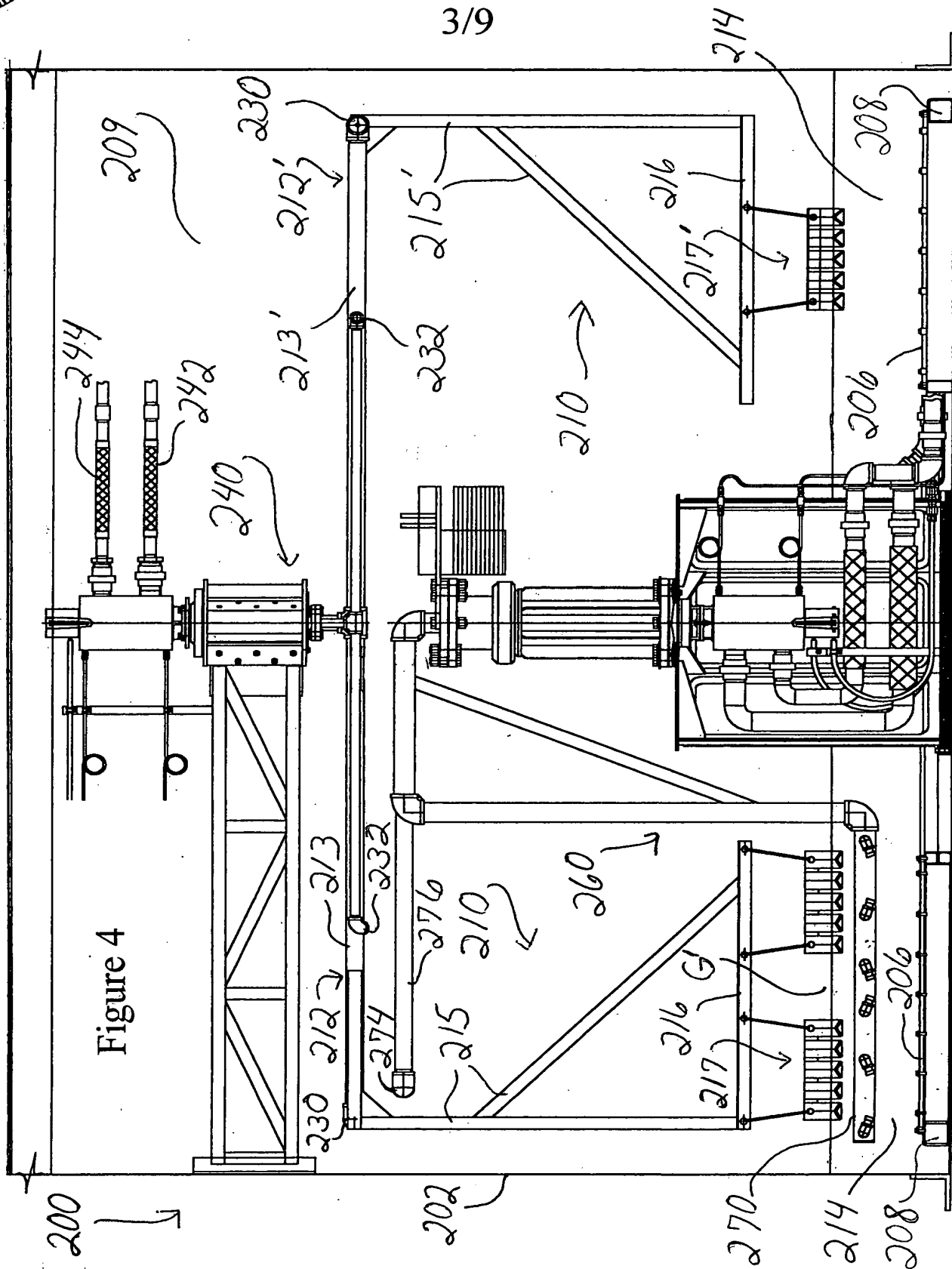


**FIG. 2**



**FIG. 3**

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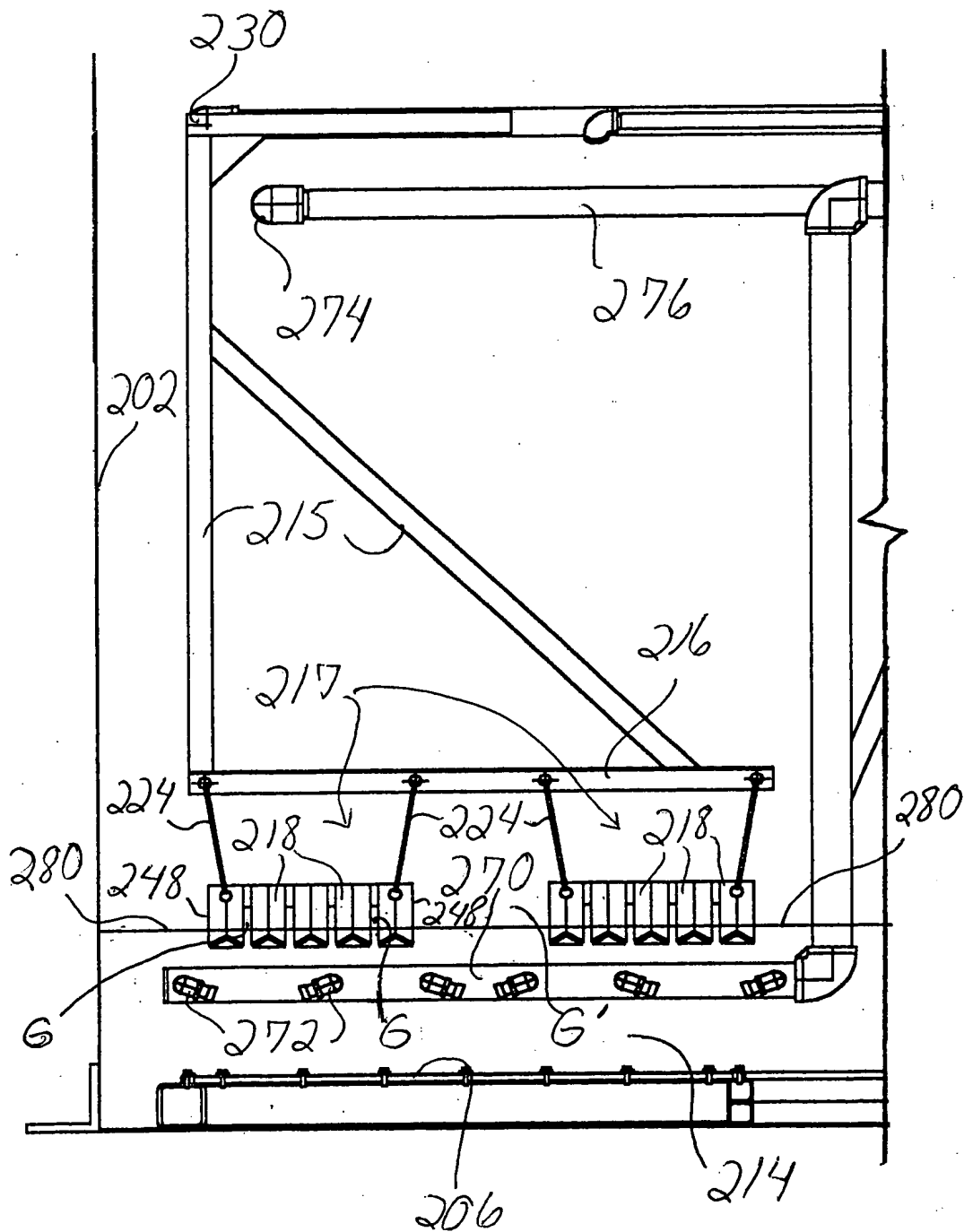
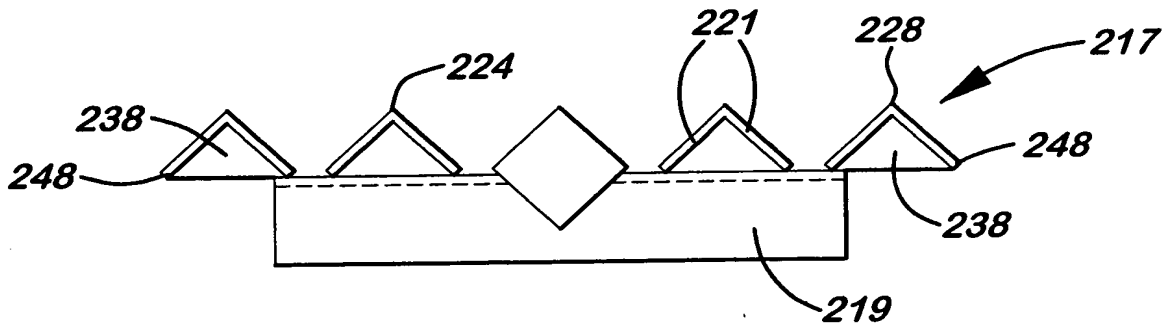
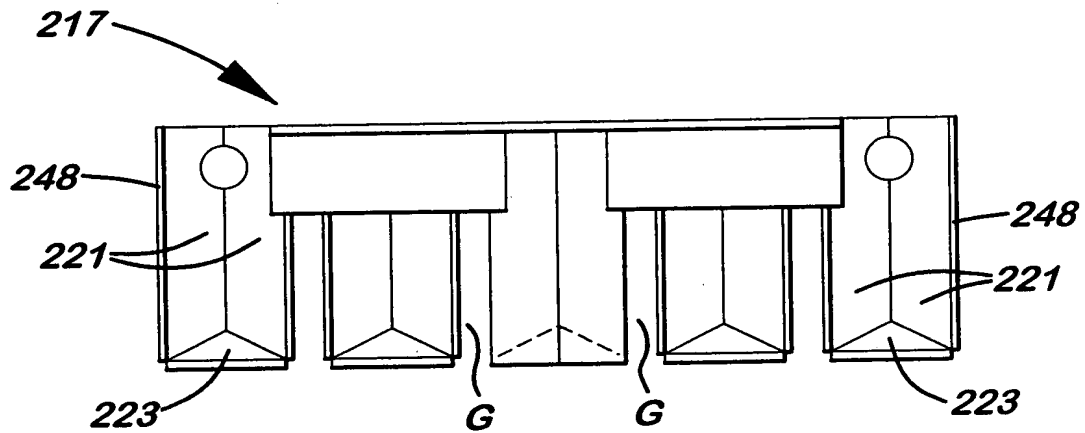


Figure 5

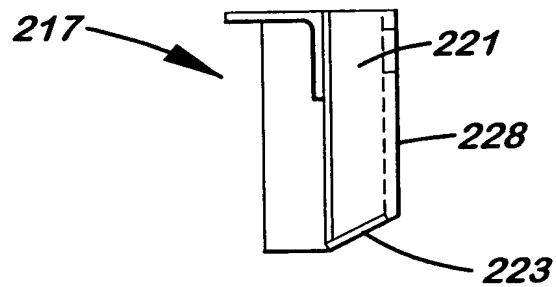
**5/9**



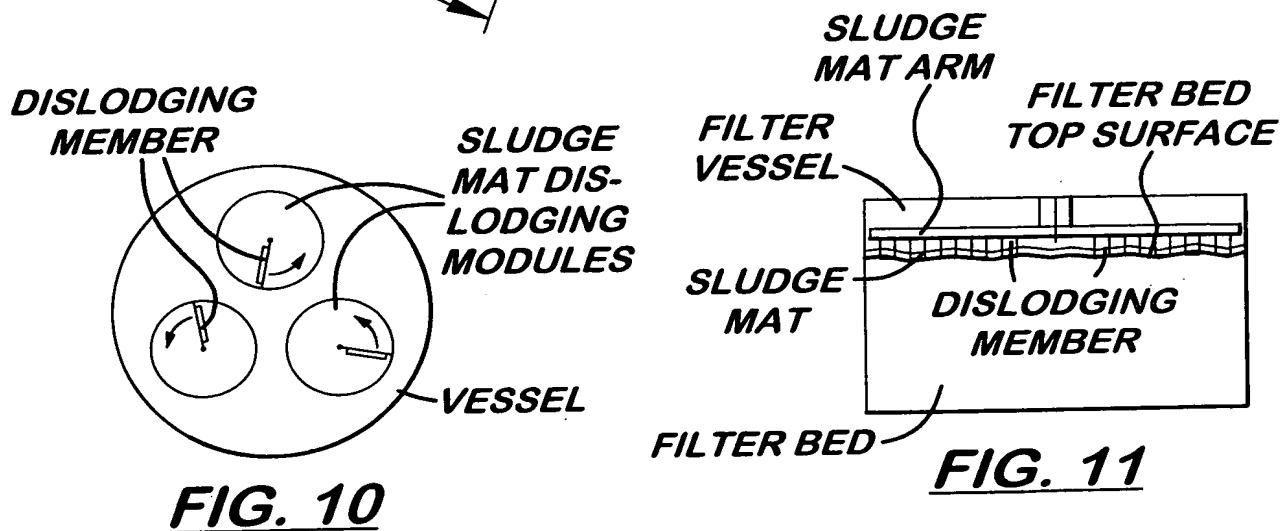
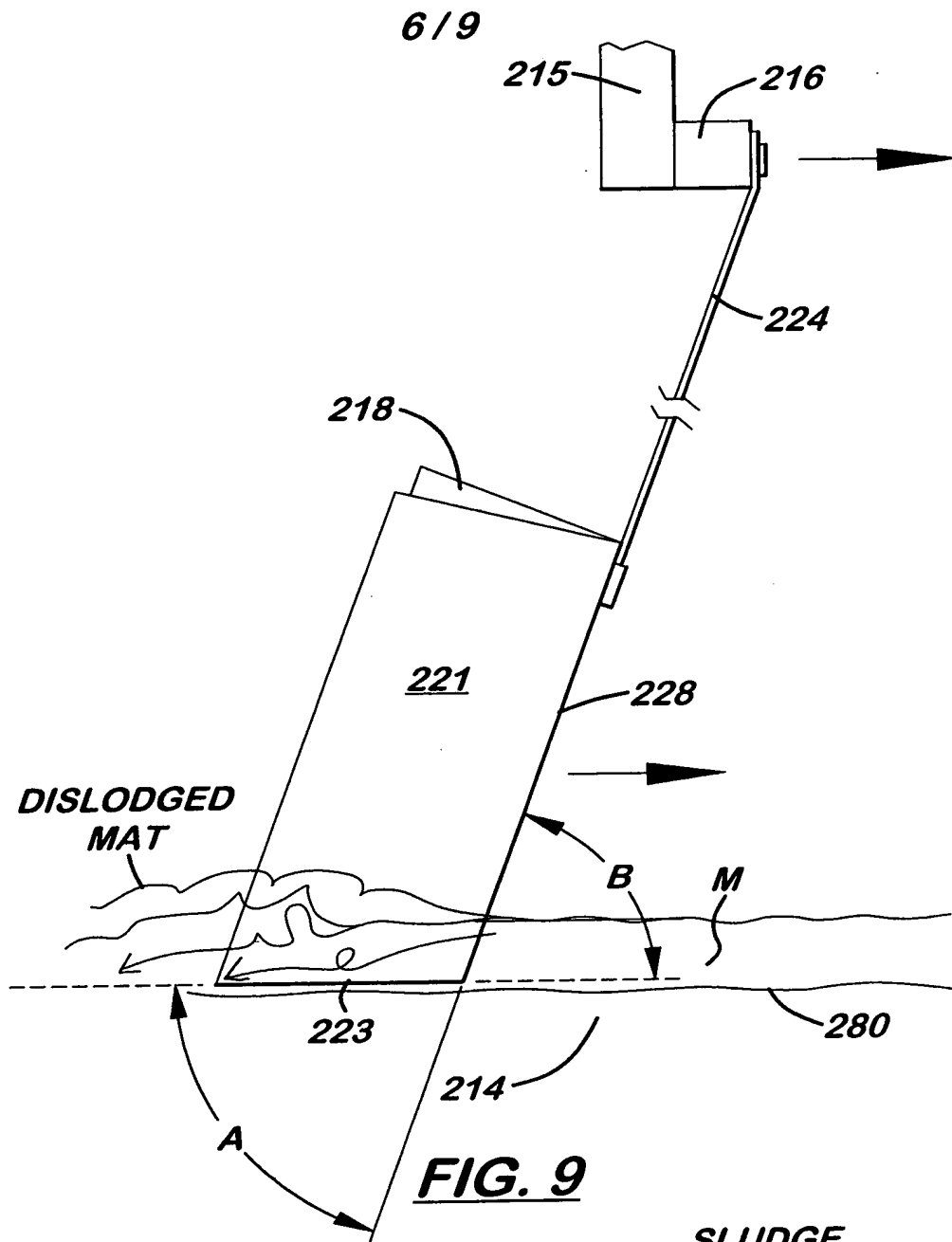
**FIG. 7**



**FIG. 6**



**FIG. 8**



# A Comparison of Flow Performance with and w/o Rake Invention

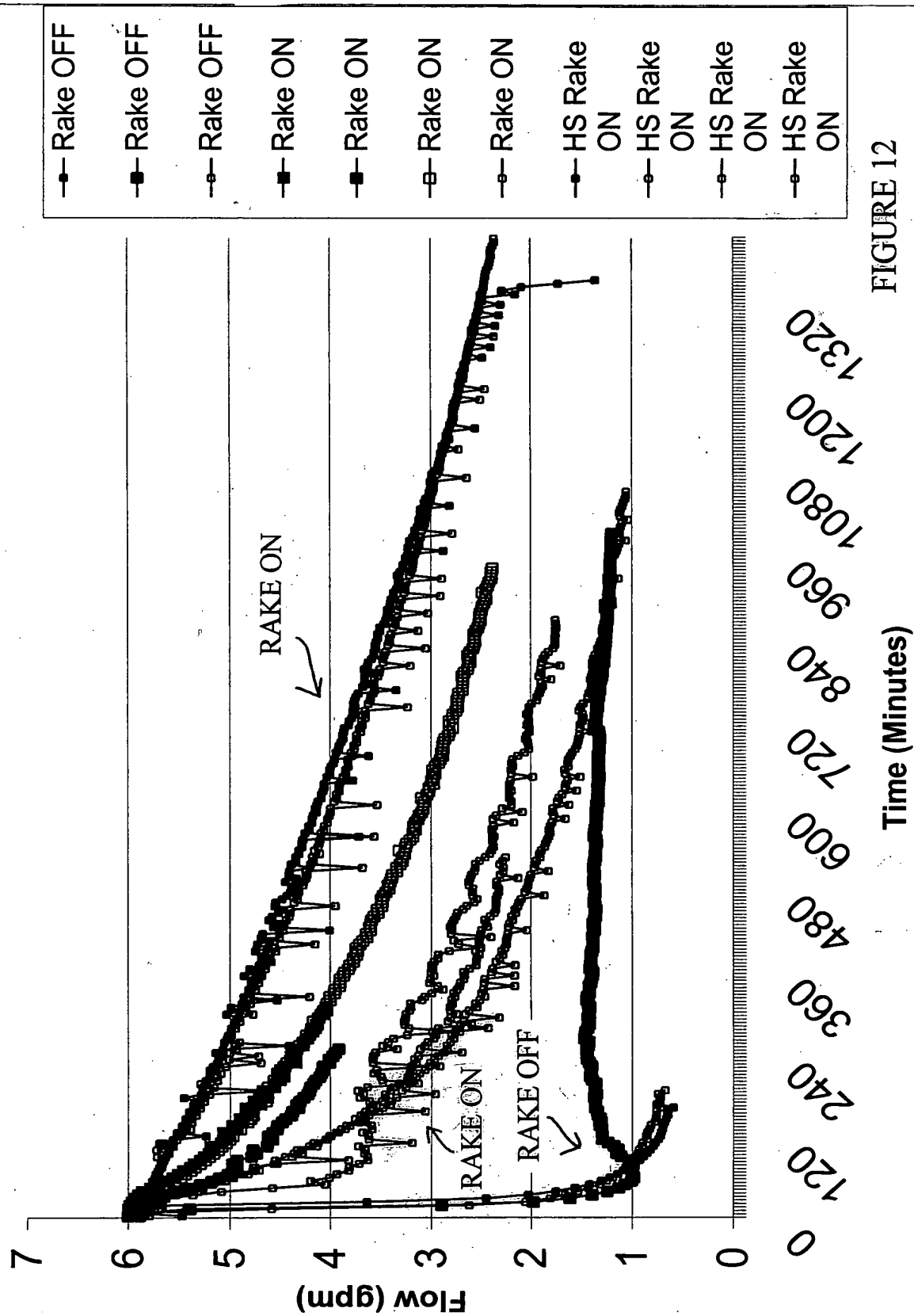


FIGURE 12

A Comparison of Flow Performance with and w/o Rake Invention  
(4 Hour Interval)

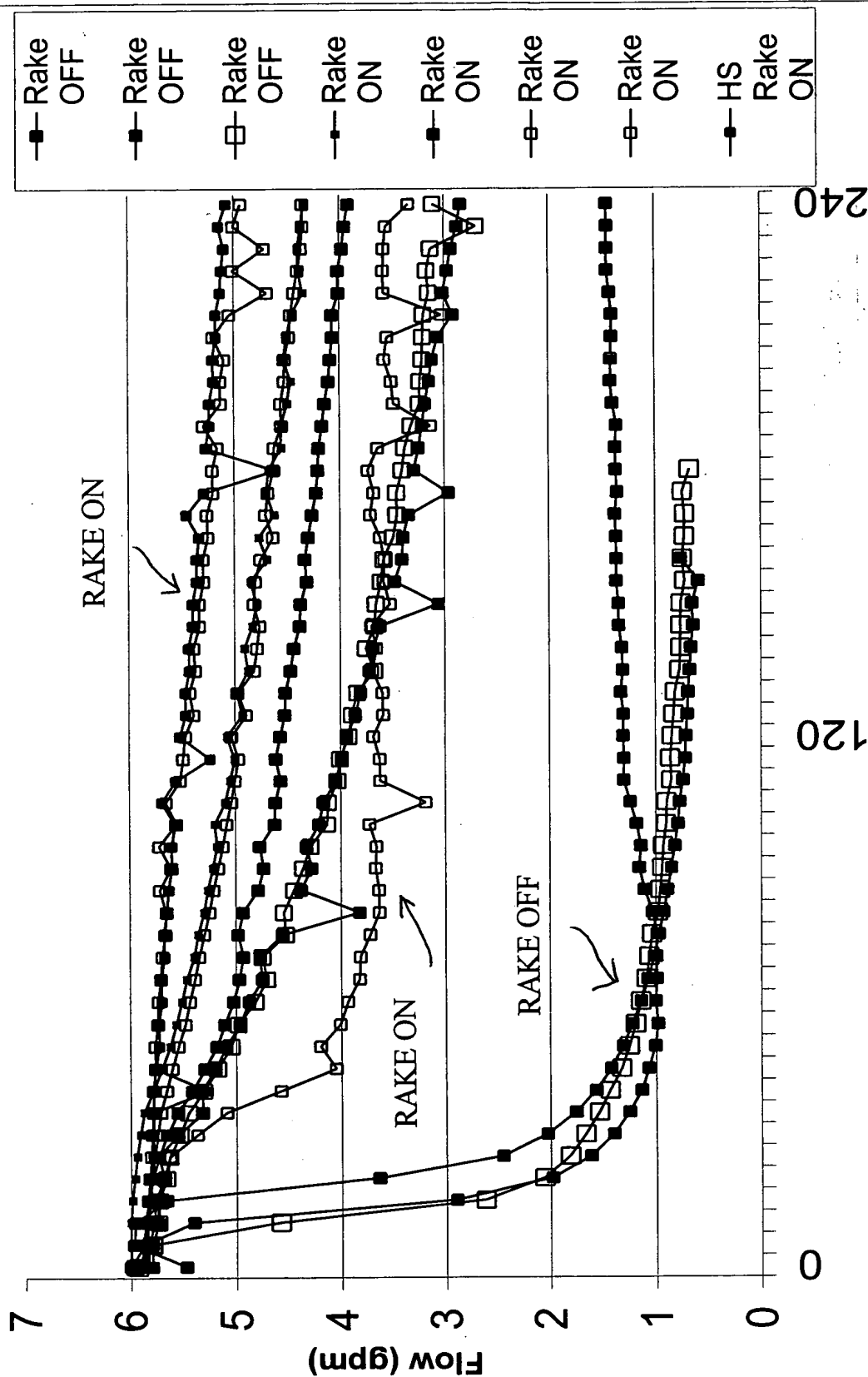


FIGURE 13



# Continuous Operation @ Various Underdrain Capacities

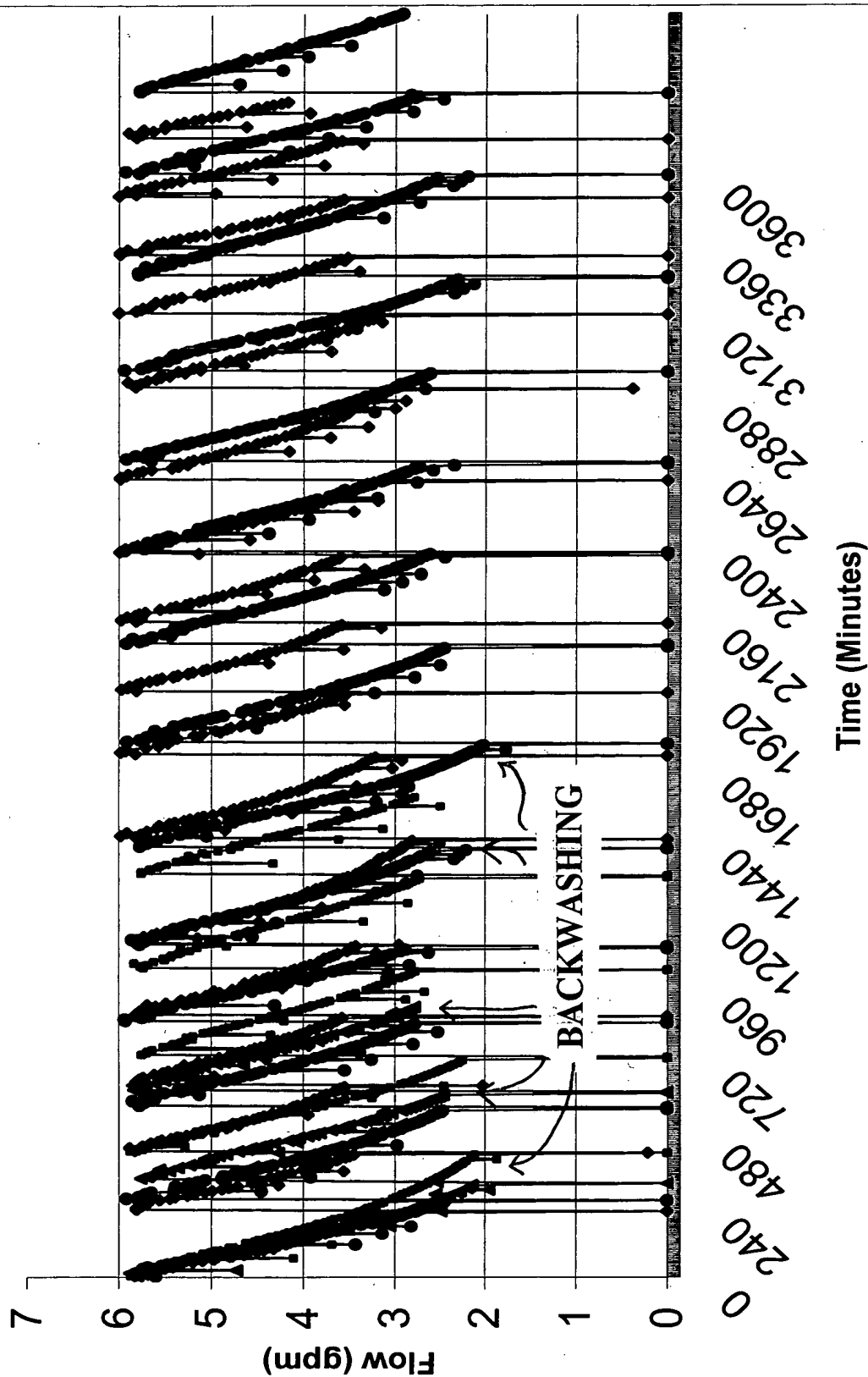


FIGURE 14

- ◆ 100% Open Underdrain
- 60% Open Underdrain
- ▲ 24% Open Underdrain